

Title (en)

APPARATUS AND METHOD FOR IDENTIFYING A MOVING WIFI ACCESS POINT AND MANAGING CONNECTIONS THEREWITH

Title (de)

VORRICHTUNG UND VERFAHREN ZUR IDENTIFIZIERUNG EINES BEWEGLICHEN WIFI-ZUGANGSPUNKTES UND VERWALTUNG VON VERBINDUNGEN DAMIT

Title (fr)

APPAREIL ET PROCÉDÉ POUR IDENTIFIER UN POINT D'ACCÈS WI-FI MOBILE ET GÉRER DES CONNEXIONS AVEC CE DERNIER

Publication

EP 3516423 A1 20190731 (EN)

Application

EP 17853822 A 20170920

Priority

- US 201615273434 A 20160922
- US 2017052547 W 20170920

Abstract (en)

[origin: US2018084520A1] A server has a processor and a memory connected to the processor. The memory stores instructions executed by the processor to collect scan lists from client devices. Each scan list specifies a WiFi access point identifier collected by a client device and geographic coordinates of the client device when the WiFi access point identifier was collected. A cluster of geographic coordinates is formed around a designated WiFi access point. A centroid within the cluster is identified. The location of the centroid is ascribed as the geographic position of the designated WiFi access point. A client device is advised when the designated WiFi access point is a known mobile WiFi access point to facilitate connection between the client device and the known mobile WiFi access point.

IPC 8 full level

G01S 19/48 (2010.01); **H04W 16/18** (2009.01); **H04W 48/08** (2009.01); **H04W 48/14** (2009.01); **H04W 64/00** (2009.01); **H04W 84/12** (2009.01)

CPC (source: EP US)

H04W 48/16 (2013.01 - EP US); **H04W 64/003** (2013.01 - EP US); **H04W 84/005** (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 10080209 B2 20180918; **US 2018084520 A1 20180322**; EP 3516423 A1 20190731; EP 3516423 A4 20200826;
US 2019014551 A1 20190110; WO 2018057641 A1 20180329

DOCDB simple family (application)

US 201615273434 A 20160922; EP 17853822 A 20170920; US 2017052547 W 20170920; US 201816130876 A 20180913